



2813

PATENT

Docket No.: M4065.0319/P319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ronald Weimer et al.

Serial No.: 09/296,835

Group Art Unit: 2813

Filed: April 22, 1999

Examiner: Not Yet Assigned

For: FABRICATION OF DRAM AND
OTHER SEMICONDUCTOR
DEVICES WITH AN INSULATING
FILM USING A WET RAPID
THERMAL OXIDATION
PROCESS

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Assistant Commissioner for Patents
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE AND
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)**

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment, a copy of which is attached hereto, hereby appoints the attorneys and agents of the firm of Dickstein, Shapiro, Morin & Oshinsky, listed as follows: Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Jeremy A. Cubert, 40,399; Laurence E. Fisher, 37,131; Brian A. Lemm, 43,748; Gianni Minutoli, 41,198; Edwin Oh, P-45,319; Eric Oliver, 35,307; William E. Powell III, 39,803; Paul L. Ratcliffe, 45,290; Mark E. Strickland, 45,138 and Salvatore P. Tamburo, 45,153, and also attorneys of Micron Technology, Inc. as its

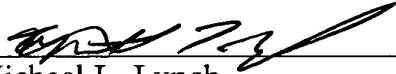
attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The Assignee certifies that the above-identified assignment has been reviewed and to the best of the Assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico
Dickstein Shapiro Morin & Oshinsky LLP
2101 L Street NW
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Fax: (202) 887-0689

MICRON TECHNOLOGY,
INC.



Michael L. Lynch
Chief Patent Counsel
Registration No. 30,871

Dated: Oct 11, 2000

AUGUST 12, 1999

FISH & RICHARDSON P.C.
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/07/1999

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NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
WEIMER, RONALD A.

DOC DATE: 04/14/1999

ASSIGNOR:
DEBOER, SCOTT J.

DOC DATE: 04/15/1999

ASSIGNOR:
GEALY, DAN

DOC DATE: 04/15/1999

ASSIGNOR:
AL-SHAREEF, HUSAM N.

DOC DATE: 05/17/1999

ASSIGNEE:
MICRON TECHNOLOGY, INC.
8000 S. FEDERAL WAY
BOISE, IDAHO 83707-0006

SERIAL NUMBER: 09296835
PATENT NUMBER:

FILING DATE: 04/22/1999
ISSUE DATE:

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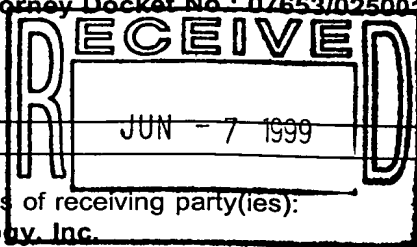
TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
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FEET



Assistant Commissioner for Patents: I

1. Name of conveying party(ies):
**Ronald A. Weimer; Scott J. DeBoer;
 Dan Gealy; Husam N. Al-Shareef**

2. Name and address of receiving party(ies):
**Micron Technology, Inc.
 8000 S. Federal Way
 Boise, ID 83707-0006**

Additional name(s) attached? ☐ Yes ☒ NoAdditional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:



Execution Dates: April 14, April 15, April 15 and
 May 17, 1999, respectively

4. Application number(s) or patent number(s):
 If this document is being filed with a new
 application, the execution date of the application is:

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A. Patent Application No.(s):
09/296,835

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence
 concerning document should be mailed:

**Samuel Borodach
 Fish & Richardson P.C.
 45 Rockefeller Plaza
 New York, NY 10111**

6. Total number of applications/patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**

- ☒ Enclosed
☒ Authorized to charge deposit account if there is
 a fee deficiency

8. Deposit account number: **06-1050**
 If the fee above is being charged to deposit
 account, a duplicate copy of this cover sheet is
 attached. Please apply any additional charges, or
 any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Samuel Borodach

Name of Person Signing

Signature

June 2, 1999

Date

Total number of pages including cover sheet, attachments, and document: **4**

11/1999 DNGUYEN 00000235 09296835

FC:581

40.00 OP

Date of Deposit June 2, 1999

I hereby certify under 37 CFR 1.8(a) that this correspondence is being
 deposited with the United States Postal Service as **first class mail**
 with sufficient postage on the date indicated above and is addressed to
 the Assistant Commissioner for Patents, Washington, D.C. 20231.

Cynthia M. Beren

ASSIGNMENT

For valuable consideration, We, **Ronald A. Weimer** of 1696 E. Victory Road, Boise, Idaho 83706, **Scott J. DeBoer** of 259 E. Twin Willow, Boise, Idaho 83706, **Dan Gealy** of 4300 Junayo Ln, Kuna, Idaho 83634 and **Husam N. Al-Shareef** of 2856 W. Cherry Lane, Boise, Idaho 83704 hereby assign to **Micron Technology, Inc.**, a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled

FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS

filed on April 22, 1999 and assigned U.S. Serial Number 09/296,835, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Boise ID,
this 14 day of April, ^{1999 RW} ~~1998~~,
Ronald A. Weimer L.S.

STATE OF Idaho:
:ss.

COUNTY OF Ada:

Before me this 14th day of April, 1999, personally appeared Ronald A. Weimer, known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Lish Homan-Hader
Notary Public

My Commission Expires: 3-26-03



IN WITNESS WHEREOF, I hereto set my hand and seal at Boise, Idaho,

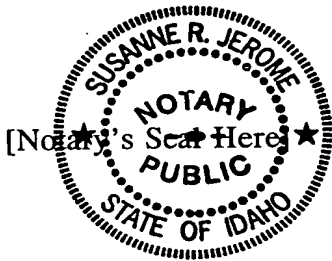
this 15th day of April, 1998
Scott J. DeBoer L.S.
Scott J. DeBoer

STATE OF IDAHO:
COUNTY OF ADA:
:SS.

Before me this 15th day of April, 1998, personally appeared
Scott J. DeBoer, known to me to be the person whose name is subscribed to the foregoing Assignment, and
acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Susanne R. Jerome
Notary Public

My Commission Expires: 3/12/2002



IN WITNESS WHEREOF, I hereto set my hand and seal at Boise, IDAHO,

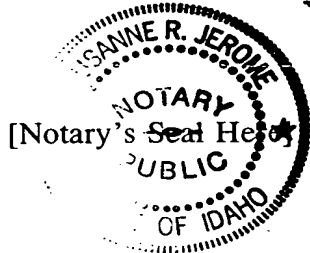
this 15th day of April, 1999
Dan Gealy L.S.
Dan Gealy

STATE OF IDAHO:
COUNTY OF ADA:
:SS.

Before me this 15th day of April, 1999, personally appeared
Dan Gealy, known to me to be the person whose name is subscribed to the foregoing Assignment, and
acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Susanne R. Jerome
Notary Public

My Commission Expires: 3/12/2002



ASSIGNMENT

For valuable consideration, I, **Husam N. Al-Shareef** of Muraijeb, Al-Ain, United Arab Emirates, hereby assign to **Micron Technology, Inc.**, a Delaware corporation having a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled

**FABRICATION OF DRAM AND OTHER SEMICONDUCTOR DEVICES WITH
AN INSULATING FILM USING A WET RAPID THERMAL OXIDATION PROCESS**

filed on April 22, 1999 and assigned U.S. Serial Number 09/296,835, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Al-Ain, United Arab Emirates,

this 17 day of May, 1999

Husam AlShareef L.S.
Husam N. Al-Shareef

Witness: CE

Date: 5-17-99